PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G06F 15/16, 15/173

A1

(11) International Publication Number: WO 99/15984

(43) International Publication Date: 1 April 1999 (01.04.99)

(21) International Application Number: PCT/US98/20095

(22) International Filing Date: 25 September 1998 (25.09.98)

(30) Priority Data:
60/060,655 26 September 1997 (26.09.97) US

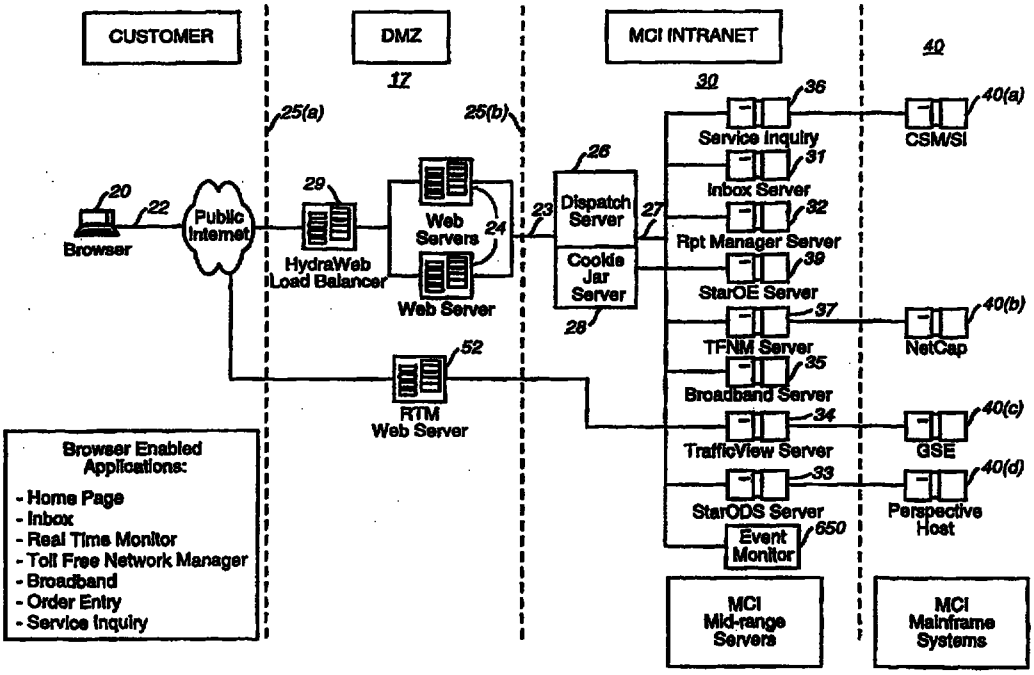
(71)(72) Applicants and Inventors: BLADOW, Chad, R. [US/US]; 16165 Lindbergh Road, Monument, CO 80132 (US). DEVINE, Carol, Y. [US/US]; 395 Palm Springs Drive, Colorado Springs, CO 80921 (US). SCHWARZ, Edward [US/US]; 462 Broome Street, New York, NY 10013 (US). SHAMASH, Arieh [US/US]; 85 Somerset Drive, Great Neck, NY 11021 (US). SHOULBERG, Richard, W. [US/US]; 306 Clarksley Road, Manitou Springs, CO 80829 (US). WOOD, Jeffrey, A. [US/US]; 2225 Kirby Court, Colorado Springs, CO 80919 (US).

(74) Agents: GROLZ, Edward, W. et al.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) Designated States: AU, BR, CA, JP, MX, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: GRAPHICAL USER INTERFACE FOR WEB ENABLED APPLICATIONS



(57) Abstract

An integrated system of user interfaces (20) is provided for communicating with remote services. A backplane architecture controls and manages the user interfaces by instantiating, launching, overseeing and closing the user interfaces associated with a plurality of applications residing in a plurality of remote servers (24, 26, 28, 31, 32, 34, 52). Each application communicates with one another and with the backplane via messaging interfaces.